

Memorandum

From: Michael Patterson, Ph. D 7-15-04
Environmental Field Branch
Field and External Affairs Division

To: Arthur-Jean Williams, Chief
Environmental Field Branch
Field and External Affairs Division

Subject: Effects Determination for Metribuzin to pacific Anadromous Salmonids

Metribuzin is a triazinone herbicide used on numerous food and non-food crops. It functions through inhibition of electron transport in photosynthesis. The registered sites for this chemical include wheat, vegetables, potatoes, barley, field corn, grasses, ornamental lawns and turf (non-residential) and uncultivated area and soils. The target pests include a wide range of undesirable plants.

Metribuzin is slightly or practically non-toxic to fish and invertebrates. It appears to be used at relatively low rates within the entire region of concern. I anticipate it will have no effects on the endangered or threatened salmon or steelhead being reviewed.